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Substitute for form 1449/PTO				Complete if Known		
				Application Number	10/655,920	
INFORMATION DISCLOSURE				Filing Date	September 5, 2003	
				First Named Inventor	Hassan Mostafavi	
l S	TATEMENT BY			Art Unit	3737	
	(Use as many sheets as necessary)			Examiner Name	Lauritzen, Amanda L.	
				Attorney Docket	VM 03-006-US	
Sheet	1	of	7	Number	VIVI 03-000-03	

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Document Number Number-Kind Code2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	1	3861807	1/25/1975	Lescrenier			
	2	3871360	3/18/1975	Van Horn et al.			
	3	4031884	6/28/1977	Henzel			
	4	4262306	4/14/1981	Renner			
	5	4463425	7/31/1984	Hirano et al.			
	6	4710717	12/1/1987	Pelc et al.			
	7	4853771	8/1/1989	Witriol et al.			
	8	4895160	1/23/1990	Reents			
	9	4971065	11/20/1990	Pearce			
	10	4994965	2/19/1991	Crawford et al.			
	11	5080100	1/14/1992	Trotel			
	12	5262945	11/16/1993	DeCarli et al.			
	13	5265142	11/23/1993	Hsieh			
	14	5279309	1/18/1994	Taylor et al.			
	15	5295483	3/22/1994	Nowacki et al.			
	16	5315630	5/24/1994	Sturm et al.			
	17	5363844	11/15/1994	Riederer et al.			
	18	5389101	2/14/1995	Heilbrun et al.			
	19	5394875	3/7/1995	Lewis et al.			
	20	5396875	3/14/1995	Kotwicki et al.			

Examiner	Date Considered	
Signature		

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8	TATEMENT BY			Art Unit	3737	
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	21	5448548	9/5/1995	Taneya et al.			
	22	5482042	1/9/1996	Fujita			
	23	5513646	5/7/1996	Lehrman et al.			
	24	5531520	7/2/1996	Grimson et al.			
	25	5538494	7/23/1996	Matsuda			
	26	5565777	10/15/1996	Kanayama et al.			
	27	5582182	12/10/1996	Hillsman			
	28	5588430	12/31/1996	Bova et al.			
	29	5603318	2/18/1997	Heilbrun et al.			
	30	5619995	4/15/1997	Lobodzinski			
	31	5622187	4/22/1997	Carol			
	32	5638819	6/17/1997	Manwaring et al.			
	33	5662111	9/2/1997	Cosman			
	34	5662112	9/2/1997	Heid			
	35	5727554	3/17/1998	Kalend et al.			
	36	5764723	6/9/1998	Weinberger et al.			
	37	5771310	6/23/1998	Vannah			
	38	5784431	7/21/1998	Kalend et al.			
	39	5794621	8/18/1998	Hogan et al.			
	40	5820553	10/13/1998	Hughes			

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				Art Unit	3737
	(Use as many sheets	as ne	cessary)	Examiner Name	Lauritzen, Amanda L.
				Attorney Docket	VM 03-006-US
Sheet	3	of	7	Number	VWI 03-000-03

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Document Number Number-Kind Code2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	41	5823192	10/20/1998	Kalend et al.			
	42	5836954	11/17/1998	Heilbrun et al.			
	43	5891034	4/6/1999	Bucholz			
	44	5906202	5/25/1999	Schuster et al.			
	45	5912656	6/15/1999	Tham et al.			
	46	5954647	9/21/1999	Bova et al.			
	47	5993397	11/30/1999	Branson			
	48	5997883	12/7/1999	Epstein et al.			
	49	6061644	5/9/2000	Leis			
	50	6076005	6/13/2000	Sontag et al.			
	51	6138302	10/31/2000	Sashin et al.			
	52	6144874	11/7/2000	Du			
	53	6144875	11/7/2000	Schweikard et al.			
	54	6146390	11/14/2000	Heilbrun et al.			
	55	6165181	12/26/2000	Heilbrun et al.			
	56	6185445	2/6/2001	Knuttel			
	57	6185446	2/6/2001	Carlsen Jr.			
	58	6198959	3/6/2001	Wang			
	59	6216029	4/10/2001	Paltieli			
	60	6259943	7/10/2001	Cosman et al.			

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Signature		

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Substitute for form 1449/PTO				Application Number	10/655,920	
I I	NFORMATION 1	סוכ	CLOSURE	Filing Date	September 5, 2003	
				First Named Inventor	Hassan Mostafavi	
S	TATEMENT BY		- · · · · · · · · · · · · · · · · · · ·	Art Unit	3737	
(Use as many sheets as necessary)				Examiner Name	Lauritzen, Amanda L.	
				Attorney Docket	VM 03-006-US	
Sheet	4	of	7	Number	VIVI 03-000-03	

U.S. PATENT DOCUMENTS							
Examiner	Cite	Document Number	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant Passages or			
Initials*	No.	Number-Kind Code2 (if known)	MM-DD-YYYY	Cited Document	Relevant Figures Appear		
	61	6269140	7/31/2001	Takagi et al.			
	62	6272368	8/7/2001	Alexandrescu			
	63	6296613	10/2/2001	Emmenegger et al.			
	64	6300974	10/9/2001	Viala et al.			
	65	6307914	10/23/2001	Kunieda et al.			
	66	6348058	2/19/2002	Melkent et al.			
	67	6370217	4/9/2002	Hu et al.			
	68	6405072	6/11/2002	Cosman			
	69	6434507	8/13/2002	Clayton et al.			
	70	6473635	10/29/2002	Rasche			
	71	6501981	12/31/2002	Schweikard et al.			
	72	6526117	2/25/2003	Okerlund et al.			
	73	6527443	3/4/2003	Vilsmeier et al.			
	74	6611617	8/26/2003	Crampton			
	75	6621889	9/16/2003	Mostafavi			
	76	6661617	2/25/2003	Hipwell, Jr. et al.			
	77	6665370	12/16/2003	Bruder et al.			
	78	6724930	4/20/2004	Kosaka et al.			
	79	6888919	5/3/2005	Graf			
	80	6937696	8/30/2005	Mostafavi			

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Substitute for form 1449/PTO				Complete if Known		
Substitute for form 1449/P1O				Application Number	10/655,920	
INFORMATION DISCLOSURE				Filing Date	September 5, 2003	
				First Named Inventor	Hassan Mostafavi	
S	TATEMENT BY			Art Unit	3737	
	(Use as many sheets	as ne	cessary)	Examiner Name	Lauritzen, Amanda L.	
	5			Attorney Docket	VM 03-006-US	
Sheet		of 7	Number	VW103-000-03		

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Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant Passages or				
Initials*	No.	Number-Kind Code2 (if known)	MM-DD-YYYY	Cited Document	Relevant Figures Appear				
	81	5828770	10/27/1998	Leis et al.					
	82	6697761	2/24/2004	Akatsuka et al.					
	83	4335427	6/15/1992	Hunt et al.					
	84	4727882	3/1/1988	Schneider et al.					
	85	7306564	12/11/2007	Nakatani et al.					
	86	7314451	1/1/2008	Halperin et al.					
	87	5134472	7/28/1992	Abe, Shozo					
	88	20020023652	2/28/2002	Riaziat et al.					
	89	20030007593	1/9/2003	Heuscher et al.					
	90	20030007601	1/9/2003	Jaffray et al.					
	91	20030063292	4/3/2003	Mostafavi					
	92	20030072419	4/17/2003	Bruder et al.					
	93	20030188757	10/9/2003	Yanof et al.					
	94	20030210812	11/13/2003	Khamene et al.					
	95	20040005088	1/8/2004	Jeung et al.					
	96	20040068169	4/8/2004	Mansfield et al.					
	97	20040071337	4/15/2004	Jeung et al.					
	98	20040116804	6/17/2004	Mostafavi					
	99	20040218719	11/4/2004	Brown et al.					
	100	20040254773	12/16/2004	Zhang et al.					

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	101	20050283068	12/22/2005	Zuccolotto et al.	Relevant Figures Appear				
	102	20040082853	4/29/2004	Takeshi et al.					
	103	20050113711	5/26/2005	Nakatani et al.					

Examiner Signature	/Amanda L. Lauritzen/	Date Considered	04/28/2010	

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	7			Attorney Docket	VM 03-006-US	
Sheet		of 7	Number	VIVI 03-000-03		

		FOR	REIGN PATENT	T DOCUMENTS		
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	1	DE 43 41 324 A1	06/08/95	Siemens AG		
	2	FI 79458	09/29/89	Seppo Peltola		
	3	WO 98/16151	04/23/98	The Trustees of Columbia University in the City of New York		
	4	WO 98/38908	09/11/98	Schneider Medical Technologies, Inc.		
	5	WO 98/52635	11/26/98	William Beaumont Hospital		
	6	DE 19856467	05/31/00	Stuschke et al.		
	7	WO 02/085455	10/31/02	Dyn'r		
	8	WO 00/24333	5/4/2000	Varian Medical Systems, Inc.		
	9	WO 98/30977	7/16/1998	Qualisys AB		
	10	JP 2002-090118	3/27/2002	Olympus Optical Co Ltd		
	11	JP 2000-262511	9/26/2000	Toshiba Iyo System Engineering KK Toshiba Corp		
	12	JP 2000-325339	11/28/2000	GE Yokogawa Medical Systems Ltd		
	13	WO 03/003796	1/9/2003	Varian Medical Systems, Inc.		
	14	EP 1 050 272 A	11/8/2000	General Electric Company		

Examiner	/Amanda L. Lauritzen/	Date Considered	05/10/2010
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